

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Frederick A. GAGE; Debra J. BATTJES SILER

Application No.: New U.S. Patent Application

Filed: August 27, 2001

Docket No.: 106996

For: METHODS OF THROMBOLYTIC ORGAN TREATMENT AND REPAIR

PRELIMINARY AMENDMENT

Director of the U.S. Patent and Trademark Office
Washington, D. C. 20231

Sir:

Prior to initial examination, please amend the above-identified application as follows:

IN THE SPECIFICATION:

Please replace paragraphs [0002] and [0032] as follows:

[0002] The invention relates to organ perfusion. In particular, the invention relates to compositions and processes for organ perfusion with a thrombolytic agent, such as Streptokinase, to enhance the viability of the organ.

[00032] The specific pressures, length of perfusion time and particular temperatures will vary depending on the particular organ or organs being perfused. For example, hearts and kidneys are preferably perfused at a pressure of approximately 10 to 100 mm Hg and a flow rate of approximately 3 to 5 ml/min. for up to approximately 2 to 4 hours at normothermic temperatures. Perfusion within these parameters is designed to maintain and/or restore the viability of the organ by restoring and/or maintaining pre-ischemia energy levels of the organ. These organs are then preferably perfused at a pressure of approximately